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2004-2014

2004 - 2014

MONTANA
Job Projections

The Montana Department of Labor and Industry develops occupational job projections to help people anticipate which occupations are likely to produce jobs in the future. The 2014 projections are based on data from 2004 and previous years. These projections are only estimates and all information applies to the state as a whole.

RESEARCH & ANALYSIS BUREAU
WORKFORCE SERVICES DIVISION
MONTANA DEPARTMENT OF LABOR & INDUSTRY

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Montana State Library

Professional Degree

Completion of the degree program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Lawyers	3,886	4,995	161	$24.39
Pharmacists	987	1,408	61	$38.53
Veterinarians	616	794	33	$24.85
Clergy	767	889	28	$13.94
Family and general practitioners	757	919	26	$59.72

Doctoral Degree

Completion of the degree program usually requires at least 3 years of full-time equivalent study beyond the bachelor's degree.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Clinical, counseling, and school psychologists	802	981	35	$19.09
Postsecondary teachers, all other	917	1,053	34	$43,954*
Education teachers, postsecondary	478	563	19	$32,633*

Master's Degree

Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Physical therapists	800	1,040	32	$27.02
Mental health and substance abuse social workers	405	576	24	$15.12
Rehabilitation counselors	429	570	24	$13.11
Environmental scientists and specialists, including health	517	667	24	$19.01
Educational, vocational, and school counselors	790	835	23	$19.14
Market research analysts	411	507	20	$21.84
Mental health counselors	341	440	18	$14.03
Librarians	685	692	17	$17.47
Speech-language pathologists	402	472	17	$22.15
Substance abuse and behavioral disorder counselors	351	417	15	$15.48

Work Experience + Bachelor's or Higher Degree

Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
General and operations managers	11,934	13,964	428	$24.14
Chief executives	1,475	1,755	56	$37.72
Management analysts	1,226	1,566	51	$23.35
Financial managers	1,334	1,591	45	$25.44
Medical and health services managers	628	802	30	$29.38
Education administrators, elementary and secondary school	734	802	25	$59,358*
Sales managers	522	670	24	$26.15
Farm, ranch, and other agricultural managers	629	761	24	$13.26
Computer and information systems managers	409	524	19	$31.69
Administrative services managers	637	695	18	$24.16
Natural sciences managers	442	526	17	$26.29
Music directors and composers	355	438	16	$6.91

Bachelor's Degree or Higher

Completion of the degree program generally requires at least 4 years, but not more than 5 years of full-time equivalent academic work.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Accountants and auditors	3,930	4,839	165	$20.31
Insurance sales agents	3,206	3,818	138	$13.71
Construction managers	3,324	4,053	133	$24.89
Secondary school teachers, except special and vocational education	3,544	3,701	115	$35,635*
Elementary school teachers, except special education	4,661	4,703	107	$35,769*
Business operations specialists, all other	1,978	2,513	87	$19.86
Property, real estate, and community association managers	1,918	2,378	82	$17.15
Writers and authors	1,518	1,896	64	$19.24

Moderate-Term On-The-Job Training

This category covers occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Truck drivers, heavy and tractor-trailer	10,434	12,320	359	$14.64
Bookkeeping, accounting, and auditing clerks	9,801	10,768	280	$11.56
Executive secretaries and administrative assistants	6,787	7,283	180	$13.00
Construction laborers	5,607	6,646	179	$11.47
Customer service representatives	4,668	5,694	172	$11.05
Sales reps, wholesale and manufacturing, except tech. and scientific	4,080	4,677	167	$16.72
Social and human service assistants	1,941	3,184	159	$9.89
Maintenance and repair workers, general	4,679	5,364	158	$14.23
Secretaries, except legal, medical, and executive	8,108	7,878	155	$10.09
Operating engineers and other construction equipment operators	3,370	3,716	121	$17.65
Painters, construction and maintenance	2,773	3,405	105	$13.44
Cooks, institution and cafeteria	2,430	2,461	78	$8.83
Logging equipment operators	2,161	2,417	65	$15.64
Team assemblers	1,622	1,834	63	$9.64
Correctional officers and jailers	1,015	1,365	56	$13.21
Cement masons and concrete finishers	1,358	1,647	56	$14.01
Medical assistants	888	1,274	55	$10.60
Dental assistants	1,032	1,276	53	$12.31
Surveying and mapping technicians	738	955	49	$13.72
Pharmacy technicians	738	1,042	40	$12.47
Coin, vending, and amusement machine servicers and repairers	729	915	36	$12.12
Billing and posting clerks and machine operators	1,676	1,737	35	$10.35
Roofers	788	959	35	$13.99
Advertising sales agents	831	1,001	33	$13.24
Sheet metal workers	827	946	32	$16.22
Laundry and dry-cleaning workers	829	928	32	$7.89
Sales and related workers, all other	639	819	30	$15.29
Parts salespersons	857	817	25	$12.35
Tour guides and escorts	554	661	25	$8.12
Installation, maintenance, and repair workers, all other	750	831	25	$23.54
Bus drivers, transit and intercity	601	705	24	$12.11
Demonstrators and product promoters	468	603	24	$7.85
Excavating and loading machine and dragline operators	532	616	23	$16.48
Sales reps, wholesale and manufacturing, tech and scientific products	480	571	22	$20.28
Sawing machine setters, operators, and tenders, wood	778	707	22	$13.69
Floral designers	635	773	22	$9.10
Payroll and timekeeping clerks	660	684	20	$12.15
Merchandise displayers and window trimmers	534	660	20	$9.11
Woodworking machine setters, operators, and tenders, except sawing	771	719	20	$12.96
Tax preparers	432	555	19	$13.62
Dispatchers, except police, fire, and ambulance	594	653	19	$13.06
Police, fire, and ambulance dispatchers	402	493	18	$12.53
Fence erectors	472	565	16	$10.02
Agricultural equipment operators	374	430	16	$12.29
Highway maintenance workers	486	564	15	$15.61

Short-Term On-The-Job Training

This category covers occupations in which workers can develop the skills needed for average job performance after 1 month of on-the-job experience or a short period of instruction.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Retail salespersons	19,514	22,857	1044	$8.47
Child care workers	16,312	20,978	911	$7.50
Cashiers	11,829	13,965	789	$7.48
Waiters and waitresses	8,845	10,068	577	$6.32
Janitors and cleaners, except maids and housekeeping cleaners	9,632	11,282	348	$9.10
Landscaping and groundskeeping workers	7,345	9,145	340	$9.35
Combined food preparation and serving workers, including fast food	4,813	5,743	302	$6.84
Maids and housekeeping cleaners	6,684	8,120	284	$7.28
Nursing aides, orderlies, and attendants	6,060	7,704	244	$9.28
Office clerks, general	7,442	8,150	236	$9.50
Bartenders	4,824	5,158	224	$7.52
Personal and home care aides	3,432	4,950	207	$8.07
Receptionists and information clerks	3,924	4,921	196	$9.57
Stock clerks and order fillers	4,875	4,736	180	$8.74
Cooks, fast food	5,317	5,431	176	$6.42
Food preparation workers	3,467	3,984	174	$7.68
Tellers	2,254	2,676	153	$9.60
Hotel, motel, and resort desk clerks	1,876	2,334	130	$7.91
Teacher assistants	4,066	4,491	121	$19,065*
Laborers and freight, stock, and material movers, hand	3,660	3,530	120	$9.88
Driver/sales workers	4,541	4,982	118	$9.78
Counter attendants, cafeteria, food concession, and coffee shop	1,463	1,649	114	$6.38

MONTANA
JOB PROJECTIONS
2004 - 2014

Bachelor's Degree or Higher (cont.)

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Loan officers	1,244	1,593	55	$18.63
Computer systems analysts	1,196	1,546	49	Not Available
Graphic designers	1,213	1,532	48	$11.89
Recreation workers	964	1,223	48	$8.82
Social and community service managers	981	1,262	47	$17.10
Public relations specialists	1,025	1,339	46	$18.65
Personal financial advisors	835	1,122	40	$26.73
Computer programmers	948	1,112	39	$21.58
Child, family, and school social workers	942	1,150	37	$15.30
Network systems and data communications analysts	565	802	30	$19.94
Civil engineers	1,027	1,147	28	$25.32
Computer software engineers, applications	471	697	27	$24.50
Conservation scientists	540	652	27	$25.27
Securities, commodities, and financial services sales agents	783	968	27	$21.53
Middle school teachers, except special and vocational education	1,215	1,160	27	$34,852*
Architects, except landscape and naval	664	833	25	$24.68
Network and computer systems administrators	537	719	24	$20.83
Medical and clinical laboratory technologists	507	609	24	$21.86
Special education teachers, preschool, kindergarten, and elementary school	525	601	20	$35,630*
Foresters	440	515	20	$23.92
Life scientists, all other	321	450	19	$23.38
Training and development specialists	376	493	18	$17.71
Computer software engineers, systems software	263	411	17	$28.17
Mechanical engineers	380	435	16	$25.27
Surveyors	359	391	16	$17.52
Physician assistants	259	381	16	$31.86
Kindergarten teachers, except special education	583	663	15	$34,400*
Interior designers	427	520	15	$14.06

Associate's Degree

Completion of the degree program usually requires at least two years of full-time equivalent academic study.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Registered nurses	8,388	10,866	423	$22.99
Computer support specialists	1,305	1,605	46	$14.67
Medical records and health information technicians	647	913	36	$10.87
Forest and conservation technicians	889	1,023	34	$12.52
Radiologic technologists and technicians	672	818	27	$20.18
Respiratory therapists	354	511	27	$20.10
Paralegals and legal assistants	442	583	18	$14.25

Postsecondary Vocational Training

Some programs last only a few weeks while others may last for more than a year. Some occupations require a license earned by passing an exam upon completion of the training.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Automotive service technicians and mechanics	4,110	4,923	191	$14.62
Hairdressers, hairstylists, and cosmetologists	4,519	5,531	188	$8.68
Real estate sales agents	3,233	4,056	147	$16.64
Licensed practical and licensed vocational nurses	2,844	3,297	107	$14.32
Appraisers and assessors of real estate	1,275	1,546	54	$15.58
Fitness trainers and aerobics instructors	892	1,221	53	$12.31
Bus and truck mechanics and diesel engine specialists	1,073	1,217	42	$16.13
Medical secretaries	1,299	1,403	35	$12.65
Legal secretaries	794	989	35	$11.24
Preschool teachers, except special education	681	924	32	$9.56
Massage therapists	651	815	29	$16.90

Postsecondary Vocational Training (continued)

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Emergency medical technicians and paramedics	618	791	24	$9.45
Mobile heavy equipment mechanics, except engines	762	829	23	$18.35
Gaming dealers	329	386	16	$8.52
Farm equipment mechanics	486	537	16	$13.87
Medical transcriptionists	465	528	15	$12.19
Architectural and civil drafters	414	446	15	$15.24

Work Experience in a Related Occupation

Some occupations requiring work experience are supervisory or managerial occupations.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
First-line supervisors/managers of retail sales workers	9,649	11,949	403	$12.85
Managers, all other	3,753	4,689	167	$30.63
First-line supervisors/mgrs of construction trades and extraction workers	4,495	5,309	158	$21.33
First-line supervisors/managers of personal service workers	2,556	3,239	133	$11.04
First-line supervisors/managers of food preparation and serving workers	3,208	3,636	119	$10.36
First-line supervisors/mgrs of office and administrative support workers	3,545	3,817	103	$15.72
Food service managers	2,548	3,088	96	$13.04
First-line supervisors/managers of non-retail sales workers	2,146	2,661	92	$21.73
Lodging managers	2,158	2,653	85	$15.85
First-line supervisors/managers of mechanics, installers, and repairers	1,453	1,584	50	$21.94
First-line supervisors/managers of production and operating workers	1,341	1,497	44	$19.59
First-line supervisors/managers of housekeeping and janitorial workers	995	1,163	40	$12.88
Chefs and head cooks	823	959	38	$12.10
Self-enrichment education teachers	622	882	34	$12.02
First-line supervisors of landscaping, lawn, and groundskeeping workers	1,008	1,242	33	$13.56
Purchasing agents, except wholesale, retail, and farm products	656	769	28	$19.42
Real estate brokers	576	724	26	$11.22
Private detectives and investigators	376	514	22	$13.55
Wholesale and retail buyers, except farm products	592	645	21	$16.46
Cost estimators	554	631	20	$20.61
Vocational education teachers, postsecondary	357	478	20	$19.75
Detectives and criminal investigators	222	310	15	$21.83

Long-Term On-The-Job Training

This category covers occupations that generally require more than 12 months of on-the-job training or combined work-experience, and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Carpenters	13,541	16,409	507	$15.33
Cooks, restaurant	4,157	4,668	180	$8.36
Police and sheriff's patrol officers	1,443	2,007	94	$18.39
Electricians	2,336	2,760	89	$21.51
Plumbers, pipefitters, and steamfitters	1,969	2,299	78	$21.50
Coaches and scouts	1,699	1,993	62	$20,159*
Welders, cutters, solderers, and brazers	1,024	1,238	50	$13.66
Fire fighters	758	1,022	48	$17.07
Cabinetmakers and bench carpenters	883	1,119	46	$12.72
Compliance officers, except ag, construction, health & safety, and transport	923	1,096	39	$19.08
Telecommunications line installers and repairers	625	813	36	$20.24
Heating, air conditioning, and refrigeration mechanics and installers	881	1,117	35	$15.88
Automotive body and related repairers	936	1,090	34	$14.51
Musicians and singers	692	869	32	$6.33
Water and liquid waste treatment plant and system operators	462	592	29	$15.83
Machinists	747	851	28	$14.41
Photographers	608	756	27	$8.93
Petroleum pump system operators, refinery operators, and gaugers	635	698	26	$25.28
Electrical power-line installers and repairers	759	750	24	$25.91
Bakers	638	722	23	$9.73
Brickmasons and blockmasons	647	779	23	$16.36
Telecommunications equipt. installers and repairers, except line installers	668	751	22	$23.68
Opticians, dispensing	502	604	19	$11.44
Industrial machinery mechanics	518	596	18	$18.64
Stonemasons	440	522	15	$18.48

*Hourly wage not available. Mean annual wage has been substituted.

Moderate-Term On-The-Job Training

This category covers occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Truck drivers, heavy and tractor-trailer	10,434	12,320	359	$14.64
Bookkeeping, accounting, and auditing clerks	9,801	10,768	280	$11.56
Executive secretaries and administrative assistants	6,787	7,283	180	$13.00
Construction laborers	5,607	6,646	179	$11.47
Customer service representatives	4,668	5,694	172	$11.05
Sales reps, wholesale and manufacturing, except tech. and scientific	4,080	4,677	167	$16.72
Social and human service assistants	1,941	3,184	159	$9.89
Maintenance and repair workers, general	4,679	5,364	158	$14.23
Secretaries, except legal, medical, and executive	8,108	7,878	155	$10.09
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Cooks, institution and cafeteria	2,430	2,461	78	$8.83
Logging equipment operators	2,161	2,417	65	$15.64
Team assemblers	1,622	1,834	63	$9.64
Correctional officers and jailers	1,015	1,365	56	$13.21
Cement masons and concrete finishers	1,358	1,647	56	$14.01
Medical assistants	888	1,274	55	$10.60
Dental assistants	1,032	1,276	53	$12.31
Surveying and mapping technicians	738	955	49	$13.72
Pharmacy technicians	738	1,042	40	$12.47
Coin, vending, and amusement machine servicers and repairers	729	915	36	$12.12
Billing and posting clerks and machine operators	1,676	1,737	35	$10.35
Roofers	788	959	35	$13.99
Advertising sales agents	831	1,001	33	$13.24
Sheet metal workers	827	946	32	$16.22
Laundry and dry-cleaning workers	829	928	32	$7.89
Sales and related workers, all other	639	819	30	$15.29
Parts salespersons	857	817	25	$12.35
Tour guides and escorts	554	661	25	$8.12
Installation, maintenance, and repair workers, all other	750	831	25	$23.54
Bus drivers, transit and intercity	601	705	24	$12.11
Demonstrators and product promoters	468	603	24	$7.85
Excavating and loading machine and dragline operators	532	616	23	$16.48
Sales reps, wholesale and manufacturing, tech and scientific products	480	571	22	$20.28
Sawing machine setters, operators, and tenders, wood	778	707	22	$13.69
Floral designers	635	773	22	$9.10
Payroll and timekeeping clerks	660	684	20	$12.15
Merchandise displayers and window trimmers	534	660	20	$9.11
Woodworking machine setters, operators, and tenders, except sawing	771	719	20	$12.96
Tax preparers	432	555	19	$13.62
Dispatchers, except police, fire, and ambulance	594	653	19	$13.06
Police, fire, and ambulance dispatchers	402	493	18	$12.53
Fence erectors	472	565	16	$10.02
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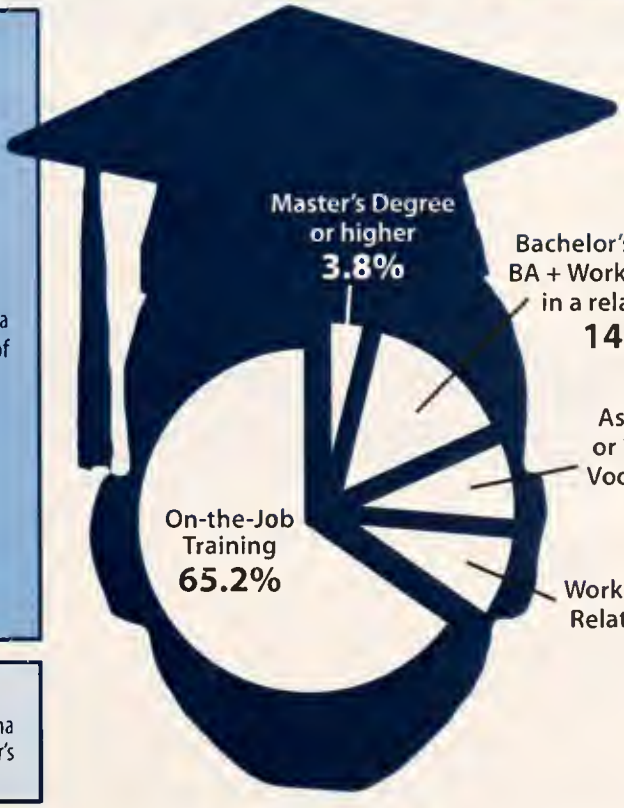
Cashiers	11,829	13,965	789	$7.48
Waiters and waitresses	8,845	10,068	577	$6.32
Janitors and cleaners, except maids and housekeeping cleaners	9,632	11,282	348	$9.10
Landscaping and groundskeeping workers	7,345	9,145	340	$9.35
Combined food preparation and serving workers, including fast food	4,813	5,743	302	$6.84
Maids and housekeeping cleaners	6,684	8,120	284	$7.28
Nursing aides, orderlies, and attendants	6,060	7,704	244	$9.28
Office clerks, general	7,442	8,150	236	$9.50
Bartenders	4,824	5,158	224	$7.52
Personal and home care aides	3,432	4,950	207	$8.07
Receptionists and information clerks	3,924	4,921	196	$9.57
Stock clerks and order fillers	4,875	4,736	180	$8.74
Cooks, fast food	5,317	5,431	176	$6.42
Food preparation workers	3,467	3,984	174	$7.68
Tellers	2,254	2,676	153	$9.60
Hotel, motel, and resort desk clerks	1,876	2,334	130	$7.91
Teacher assistants	4,066	4,491	121	$19,065*
Laborers and freight, stock, and material movers, hand	3,660	3,530	120	$9.88
Driver/sales workers	4,541	4,982	118	$9.78
Counter attendants, cafeteria, food concession, and coffee shop	1,463	1,649	114	$6.38

Short-Term On-The-Job Training (continued)

Occupation	2004 Jobs	2014 Jobs	Annual Openings	Median Hourly Wage
Home health aides	2,059	2,911	112	$8.47
Farmworkers and laborers, crop, nursery, and greenhouse	1,997	2,409	98	$8.91
Truck drivers, light or delivery services	3,791	4,421	98	$10.78
Cleaners of vehicles and equipment	1,931	2,147	89	$7.63
Dishwashers	2,169	2,287	85	$6.56
Counter and rental clerks	1,717	1,907	85	$8.02
Helpers--carpenters	1,373	1,575	77	$11.55
Protective service workers, all other	817	1,002	75	$15.08
Bus drivers, school	1,932	2,173	66	$12.07
Security guards	1,452	1,759	62	$8.66
Hosts and hostesses, restaurant, lounge, and coffee shop	1,223	1,369	54	$6.75
Door-to-door sales workers, news and street vendors, and related workers	1,071	1,353	54	$11.54
Bill and account collectors	1,106	1,356	46	$12.16
Packers and packagers, hand	1,651	1,782	44	$6.79
Dining room and cafeteria attendants and bartender helpers	989	1,066	41	$6.36
Cooks, short order	1,115	1,180	41	$7.11
Postal service mail carriers	860	980	39	$21.92
Nonfarm animal caretakers	785	977	39	$7.56
Amusement and recreation attendants	705	880	38	$6.79
Service station attendants	668	737	37	$8.07
Tire repairers and changers	700	758	36	$9.90
Shipping, receiving, and traffic clerks	1,493	1,535	35	$10.66
Helpers--installation, maintenance, and repair workers	649	763	33	$10.16
Industrial truck and tractor operators	1,383	1,368	26	$13.56
Interviewers, except eligibility and loan	493	614	25	$9.92
Postal service mail sorters, processors, and processing machine operators	815	835	24	$18.54
Taxi drivers and chauffeurs	912	1,071	24	$6.91
Food servers, nonrestaurant	531	589	24	$7.96
Switchboard operators, including answering service	723	775	24	$9.67
Refuse and recyclable material collectors	358	473	21	$13.91
Library technicians	396	456	21	$8.54
Loan interviewers and clerks	1,536	1,496	21	$12.29
File clerks	676	668	20	$8.28
Production, planning, and expediting clerks	455	538	19	$15.69
Helpers--production workers	691	658	19	$9.82
Veterinary assistants and laboratory animal caretakers	349	463	18	$8.01
Farmworkers, farm and ranch animals	585	587	17	$6.74
Reservation and transportation ticket agents and travel clerks	444	494	17	$12.41
Human resources assistants, except payroll and timekeeping	419	488	16	$14.26
Court, municipal, and license clerks	354	423	15	$11.19

Training Required for Montana Jobs

81.8%
of jobs in Montana require two years of training or less.



18.2%
of jobs in Montana require a Bachelor's or higher degree.